

INTER

WOOLLABS

International Association of Wool Textile Laboratories
Association Internationale de Laboratoires Textiles Lainiers
Internationale Gesellschaft der Wolltextillaboratorien

Registered Office : Rue Jean Bertholet 13, B.P.618 / L-2016 Luxembourg

26th SERIES OF IH-STANDARDS

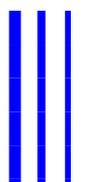
valid: 01.02.2026 - 31.01.2028

Standard Values to be used for the calibration of the Instruments for the fibre diameter measurements

STANDARD VALUES				
	AIRFLOW for AIRFLOW Calibrations	PROJECTION MICROSCOPE for OFDA and LASERSCAN Calibrations		
Standard No.	Mean fibre diameter (μm)	Mean fibre diameter (μm)	Distribution of fibre diameter (CV %)	Fibre Curvature (deg/mm)
1PM	not applicable	14.58	17.93	84
1 AF	17.64	not applicable	not applicable	not applicable
2	18.86	18.73	18.89	69
3	21.39	21.35	19.04	64
4	23.48	23.51	19.75	59
5	27.87	27.98	22.00	59
6	30.63	30.61	22.86	53
7	32.85	33.34	25.87	56
8	36.80	36.83	21.72	39

Eight Tops are required to calibrate Airflow (IWTO-6), Laserscan (IWTO-12) and OFDA (IWTO-47).

- To calibrate **Airflow** Instruments, tops "1AF" and "2" to "8" only shall be used.
- To calibrate **Laserscan** and **OFDA** instruments, tops "1PM" and "2" to "8" shall be used. Do not use top "1AF".



7 Southway
Bradford – West Yorkshire, BD16 3EW, England
☎ +44 7415 082084
e-mail : info@interwoollabs.org
<http://www.interwoollabs.org>